

**Date: 07/11/2024**

To,  
  
The Visa Officer,  
  
Embassy of the Federal Republic of Germany,  
  
P.O. Box 226, Gyaneshwor Marg 690,  
  
Kathmandu, Nepal

**Subject: Letter of Motivation**

I am Arjun Acharya, a recent graduate in Computer Engineering from Kantipur Engineering College, Nepal, with a bachelor's degree percentage of 54.55% (German equivalent: 3.28). I am writing to express my keen interest in the Master of Artificial Intelligence (AI) program at Berlin School of Business and Innovation (BSBI). With my academic foundation in computer science, programming, and machine learning, I am eager to further my education in the field of AI, and I am confident that this program is the perfect fit for my academic and career goals.

Throughout my undergraduate studies, I developed a strong passion for AI and its diverse applications. My final year project, *Image Prediction Using NLP Methods*, allowed me to delve into natural language processing and prediction models, which sparked my interest in the potential of AI to solve real-world problems. My thesis project, Predictive Analysis of Traffic Road in Nepal Using Genetic Algorithm, was an excellent opportunity to apply machine learning techniques to optimize traffic management systems. This experience not only enhanced my technical skills but also reinforced my passion for using AI to address societal challenges.

Perhaps most important, however, was the experience I gained while working on python developer internship and attending various AI-focused webinars from December 2023 to

June 2024. During this time, I developed expertise in Python programming, leveraging the language to create efficient, scalable solutions for a variety of projects. I collaborated closely with clients and team members to design and implement data-driven applications, gaining practical experience in cloud technologies, web development, and deployment strategies. Through self-learning and continuous engagement with AI communities, I mastered the Django framework and worked on building secure and maintainable web applications that seamlessly integrated front-end and back-end components. These professional experiences, combined with my independent exploration of AI techniques, significantly strengthened my problem-solving capabilities and deepened my interest in AI-driven solutions.

What makes the BSBI Artificial Intelligence (AI) program particularly appealing to me is the fact that its modules strike a brilliant balance between practice and theory. This M.Sc. program, with its emphasis on rigorous academic methodologies and hands-on projects, will allow me to build a solid foundation for my future AI research and development career. The program's theoretical depth will allow me to deeply explore and understand core areas such as Machine Learning, Natural Language Processing, Advanced Robotics, Automation, and Computer Vision. At the same time, the focus on practical implementation will enable me to apply these theories to real-world problems, refining my problem-solving abilities and technical skills. Working alongside BSBI's distinguished faculty, who are involved in cutting-edge AI research, would give me the chance to directly engage with and contribute to emerging innovations in AI, such as advanced reinforcement learning techniques and the ethical challenges posed by AI technologies. These aspects of the program particularly appeal to me, as they align closely with my desire to gain both deep academic knowledge and practical expertise. Furthermore, I am confident that BSBI will provide the ideal environment for me to grow both as a researcher and as a professional. By immersing myself in the BSBI's collaborative research ecosystem, I will be able to develop advanced skills in artificial intelligence, which will be instrumental in shaping my career. The AI Master's program will also equip me with a strong ethical framework to

navigate the social and moral implications of AI, which is critical given the global impact of AI technologies.

I want to collaborate with esteemed Nepali businesses like Cloud Factory, Leapfrog Technology, Young Innovations, F1Soft International, and Verisk Nepal. The AI degree, along with the knowledge and skills I gained during my course, will help me secure a position at these well-established companies which provides a respectable position with an annual income that begins at NRS 592,127-a noteworthy accomplishment in my own country. My long-term aspiration is to work as an AI specialist, using the knowledge and experience I gained from BSBI to design innovative solutions for complex, global challenges in healthcare, robotics, and environmental sustainability. I believe that BSBI's comprehensive and forward-thinking approach to AI education will empower me to make meaningful contributions to the field and positively impact society.

Additionally, considering my professional aspirations along with filial obligations towards my family, I intend to return to Nepal upon completing my studies as they reflect my strong connection to my homeland. My family, including my parents and extended relatives, resides in Nepal, where I have deep roots and personal responsibilities. My aspirations are inextricably linked with a strong desire to contribute to Nepal's growth trajectory, balancing my personal and professional aims while staying close to my family. As my parents age, it becomes imperative that I not only take responsibility for our ancestral estates but also protect my father's legacy. After gaining advanced knowledge and experience from BSBI, I am determined to return to Nepal to apply my skills to local industries, fostering technological growth and contributing to the development of AI solutions that can positively impact society.

Regarding my travel history, I have had the opportunity to visit India on several occasions for short trips related to family and cultural purposes. These travels have broadened my perspective, but they have also reinforced my commitment to returning to Nepal, where my professional ambitions and familial obligations are grounded. I am confident that the

knowledge and experience I will gain from this program will equip me to make significant contributions to my home country.

I'm excited to work hard to achieve my academic objectives while adhering to all rules for students on student visas, such as German law and ethics. I am eager for the opportunity to contribute to and grow within M.Sc. AI program and look forward to the possibility of joining BSBI esteemed academic community. Lastly, I would like to express my gratitude for letting me share my goals.

Sincerely,

Arjun Acharya

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